Title (en)

Glutaminase

Title (de)

Glutaminase

Title (fr)

Glutaminase

Publication

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Application

EP 01121530 A 20010910

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Abstract (en)

The present invention refers to new a salt-resistant thermotolerant glutaminase from Lactobacilli. This glutaminase presents a salt dependence such that its activity in the presence of up to 15% NaCl is from 80 to 180 % of that without NaCl and a thermal stability such that its energy of activation is about 80 to 150 kJ.mol<-1>. This enzyme mas be obtained by cultivating a micro-organism belonging to the genus Lactobacillus, producing the salt-resistant thermotolerant glutaminase and then recovering it. The present glutaminase may be useful for enhancing the yield of production of glutamate in biohydrolysate manufacture process. <IMAGE>

IPC 1-7

A23J 1/00; A23L 1/238; A23J 3/34

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CPC (source: EP)

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